CLAIMS

1. A valve for controlling flow of a fluid, said valve comprising:

an enclosure comprising an inlet and an outlet;

a primary fluid path; and

a septum positioned within an interior of the enclosure and in proximity to the primary fluid path, the septum comprising a first configuration at a first fluid pressure within the interior, and a second configuration at a second fluid pressure within the interior,

wherein the primary fluid path is unobstructed when the septum is in the first configuration, and obstructed when the septum is in the second configuration; and

a secondary fluid path that is unobstructed by the septum in the second configuration,

wherein the primary fluid path defines a primary flow rate capacity, and the secondary fluid path defines a secondary flow rate capacity, the primary flow rate capacity greater than the secondary flow rate capacity.

2. The valve of claim 1, wherein the septum further comprises a fluid pressure threshold at which the septum switches from the first configuration to the second configuration.

3. The valve of claim 2, wherein in the first configuration the primary fluid path is in an opened configuration, and the first fluid pressure is equal to, or less than the fluid pressure threshold, and in the second configuration the primary fluid path is in a closed configuration, and the second fluid pressure is greater than the fluid pressure threshold.

4. The valve of claim 2, wherein the fluid pressure threshold is a fluid vacuum pressure threshold, the first fluid pressure is a first fluid vacuum pressure, and the second fluid pressure is a second fluid vacuum pressure.

5. The valve of claim 4, wherein in the first configuration the primary fluid path is in an open configuration, and the first fluid vacuum pressure is less than or equal to the fluid vacuum pressure threshold of the septum, and in the second configuration the primary fluid path is in a

closed configuration, and the second fluid vacuum pressure is greater than the fluid vacuum pressure threshold.

6. The valve of claim 1, wherein the septum comprises a first aperture, and wherein in the first configuration the first aperture is open, and in the second configuration the first aperture is closed.

7. The valve of claim 6, wherein the first aperture comprises the primary fluid path.

8. The valve of claim 1, wherein the septum comprises a first aperture, and wherein the first aperture is opened to a first width in the first configuration, and is reduced to a second width in the second configuration.

9. The valve of claim 8, wherein the second width reduces a fluid flow through the aperture.

10. The valve of claim 8, wherein the second width prevents a fluid flow through the aperture.

11. The valve of claim 1, wherein contact between the septum and an interior surface of the enclosure obstructs the primary fluid path.

12. The valve of claim 1, wherein contact between opposing surfaces of the septum obstructs the primary fluid path.

13. The valve of claim 1, wherein the secondary fluid path is unobstructed by the septum in the first configuration.

14. The valve of claim 1, wherein the septum comprises the secondary fluid path.

15. The valve of claim 1, wherein the septum comprises the primary fluid path and the secondary fluid path.

16. The valve of claim 1, wherein the septum is fixedly positioned within the interior.

17. The valve of claim 1, wherein the septum is movably positioned within the interior.